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PATENT

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Feb. 6, 2007
Date

Kay Bulen
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Markl et al.

Application No.: 09/699,243

Filed: October 27, 2000

For: METHYLATION ALTERED DNA SEQUENCES AS MARKERS

ASSOCIATED WITH HUMAN CANCER

Examiner Jeanine A. Goldberg

Art Unit: 1634

Docket No.: 47675-14

Date: January 25, 2007

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97 through 1.98, applicants wish to make known to the Patent and Trademark Office the references set forth on the attached form PTO/SB/08. Copies of the cited references are enclosed. As to any reference supplied, applicants do not admit that it is "prior art" under 35 U.S.C. §§ 102 or 103, and specifically reserve the right to traverse or antedate any such reference, as by a showing under 37 C.F.R. § 1.131 or other method. Although the aforesaid references are made known to the Patent and Trademark Office in compliance with applicants' duty to disclose all information they are aware of which is believed relevant to the examination of the above-identified application, applicants believe that their invention is patentable.

02/08/2007 JBALINAN 00000065 09699243

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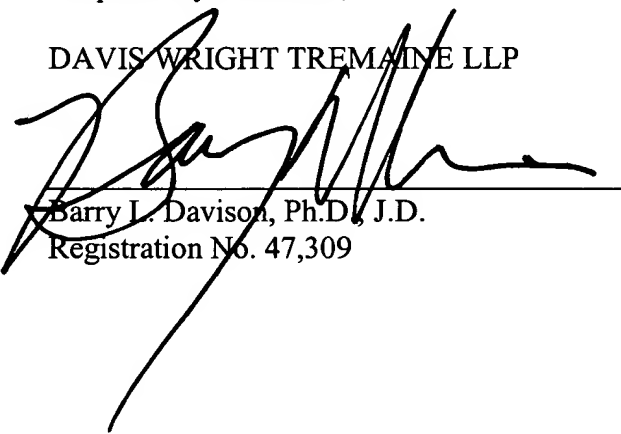
The cited documents came to the applicants' attention when they were cited in a corresponding European application. A copy of the European search report is also enclosed.

Please acknowledge receipt of this Information Disclosure Statement and kindly make the cited references of record in the above-identified application.

A fee of \$180 is submitted in accordance with 37 C.F.R. § 1.97(c). The Commissioner is authorized to charge any other fees which may be required, or credit any overpayment to Deposit Account No. 04-0258.

Respectfully submitted,

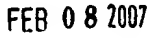
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| Sheet | 1 | of | 2 |
|-------|---|----|---|

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|-------------------------------|---------------------|
| <i>Application Number</i> | 09/699,243 |
| <i>Filing Date</i> | October 27, 2000 |
| <i>First Named Inventor</i> | Markl |
| <i>Art Unit</i> | 1634 |
| <i>Examiner Name</i> | Jeanine A. Goldberg |
| <i>Attorney Docket Number</i> | 47675-14 |

[illegible][illegible]

Date Considered

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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 2

Complete if Known

| | |
|------------------------|---------------------|
| Application Number | 09/699,243 |
| Filing Date | October 27, 2000 |
| First Named Inventor | Markl |
| Art Unit | 1634 |
| Examiner Name | Jeanine A. Goldberg |
| Attorney Docket Number | 47675-14 |

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials * | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|------------------------|--------------------------|---|----------------|
| | A2 | Database EMBL Online! 2 August 2000 YOUNG, JP et al., Homo sapiens hyperplastic polyposis proteins (HPP1) gene, 5' UTR and partial cds. XP002366588 retrieved from EBI Database accession no. AF264150.1 | |
| | A3 | YOUNG et al., HPP1: A transmembrane protein-encoding gene commonly methylated in colorectal polyps and cancers, Proc. Natl. Acad. Sci., 98:265-270, 2001 | |
| | A4 | LIANG et al., The gene for a novel transmembrane protein containing epidermal growth factor and follistatin domains is frequently hypermethylated in human tumor cells, Cancer Res. 60:4907-4912, 2000 | |
| | A5 | SZYF, M., The DNA methylation machinery as a therapeutic target, Current Drug Targets, July 2000, pages 101-118 | |
| | A6 | TOYOTA et al., Identification of differentially methylated sequences in colorectal cancer by methylated CpG island amplification, Cancer Res. 59:2307-2312, 1999 | |
| | A7 | GONZALGO and Jones, Rapid quantification of methylation differences at specific sites using methylation-sensitive single nucleotide primer extension (Ms-SNuPE), Nucl. Acids Res., 25:2529-2531, 1997 | |
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|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
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